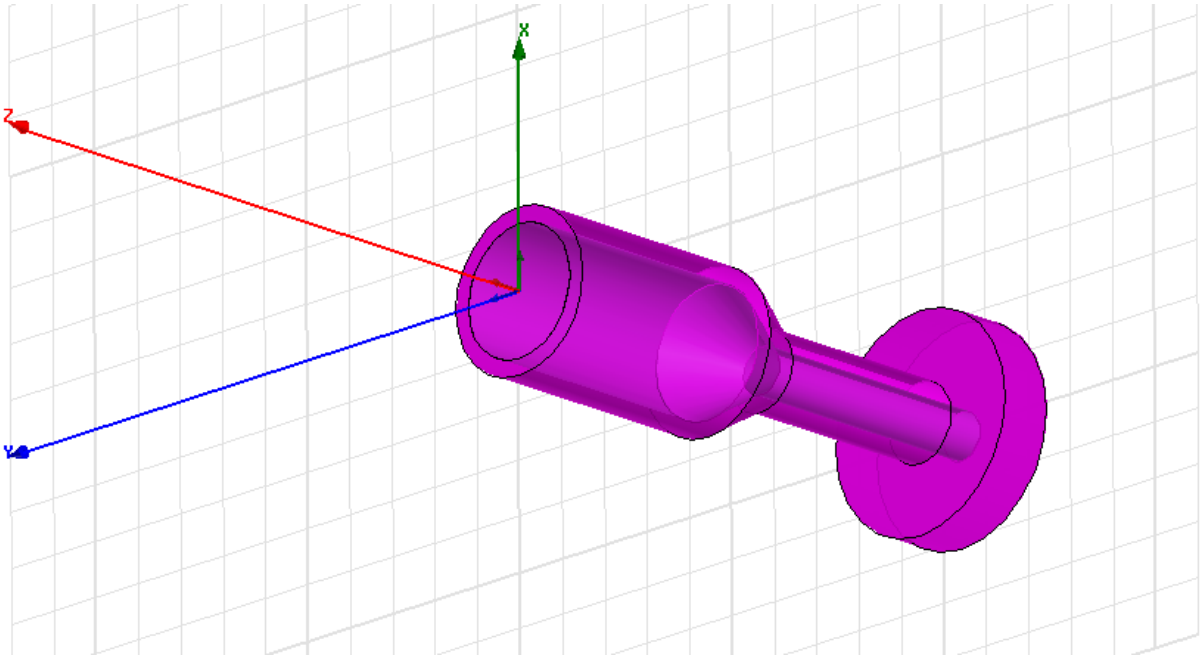
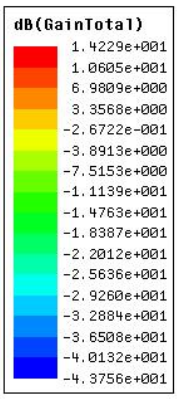
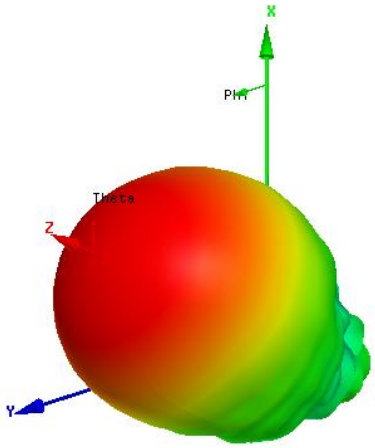
Dual mode feed W2IMU

for offset dish f/d = 0,8 on frequency 47 GHz

analyzed by Mirek Kasal OK2AQ



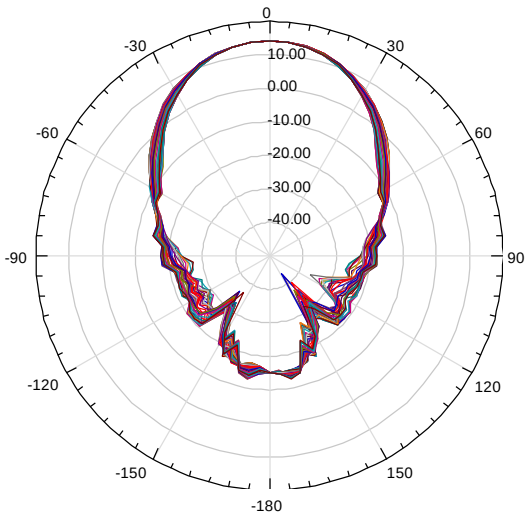


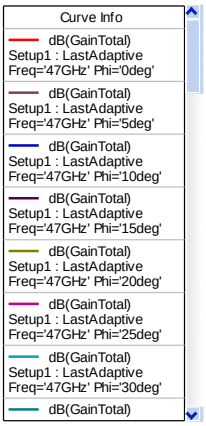


Ansoft LLC

Radiation Pattern 1

HFSSDesign1

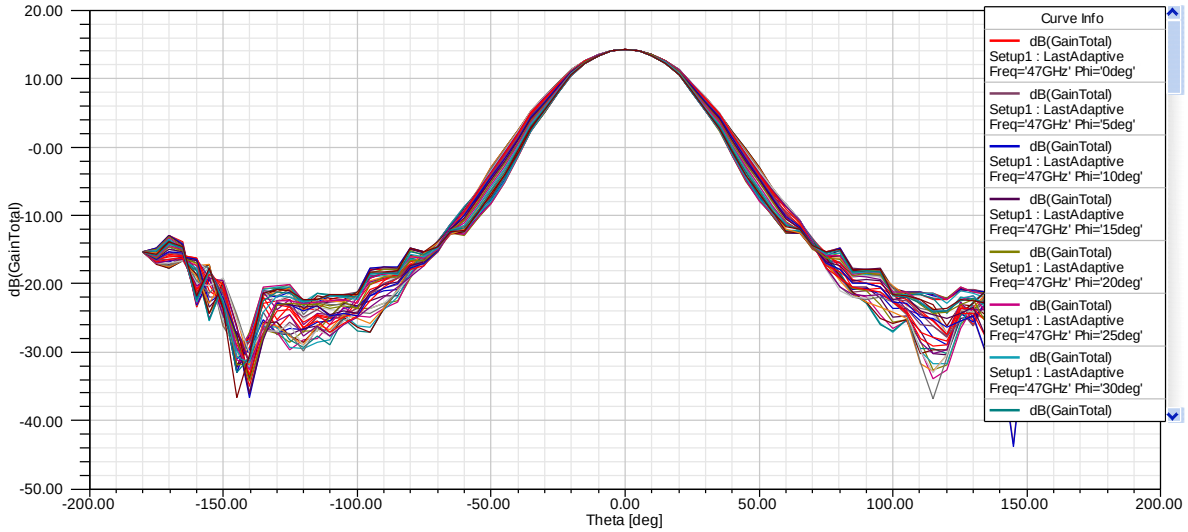




Ansoft LLC

XY Plot 1

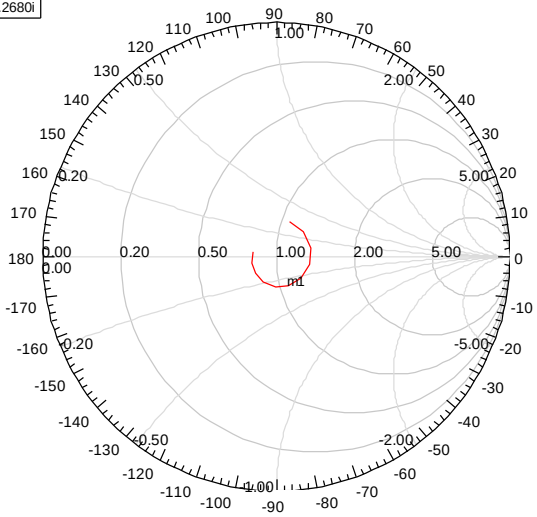
HFSSDesign1

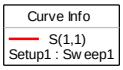


Name	Freq	Ang	Mag	RX
m1	47.0000	-66.2587	0.1333	1.0788 - 0.2680i

Smith Chart 1

HFSSDesign1





Properties: W2IMU_1_0_8 - HFSSDesign1

Local Variables

Value Optimization Tuning Sensitivity

	Name	Value	Unit	Evaluated Value	Type
	l	53	mm	53mm	Design
	d	10	mm	10mm	Design
	v	5	mm	5mm	Design
	d1	2.15	mm	2.15mm	Design
	s	1.5	mm	1.5mm	Design
	la	19	mm	19mm	Design
	d2	6	mm	6mm	Design
	lb	6.5	mm	6.5mm	Design
	lc	22.5	mm	22.5mm	Design

Add... Add Array... Edit... Remove

OK Zrušit